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RIGIN
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VERSION
KEYWORDS
SOURCE
ORGANISM
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AUTHORS
                                                                                                                                                                                                                                                                                                                                       Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE
JOURNAL
        3452 tgtggaagettggettetttgeecataagaaaateeetgaggaagaa 3498
                                                                                                                      3392
                                                                                                                                                            3332 cccgttggagtgagagcctcttggaggtggttcagacccggcctatcctcatctccctgt 3391
                                                                                                                                                                                                                                         ggatoctcataggcagtgtcctgggagggttgctcctgcttgctcttcttgtcttctgcc 3451
                                                                                                                                          CCCGTTGGAGTGAGAGCCTCTTGGAGGTGGTTCAGACCCGGCCTATCCTCATCTCCCTGT
                                                                GGATCCTCATAGGCAGTGTCCTGGGAGGGTTGCTCCTGCTTGTCTTCTTCTGCC
                                                                                                                                                                                                                       Schellenberg, K., Le, N., Lennon, G., Marra, M., Martin, J., Moore; B., T., Waterston, R. and Wilson, R. Tan, F., Theising, B., White, Y., Wylie WashU-Marck EST Project 1997 Contact: Wilson RK Washinston RK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Possible reversed clone: similarity on wrong strand
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Kucaba, T., Lacy, M.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IMAGE:796105 5' similar to SW:ITAV_MOUSE P43406 VITRONECTIN RECEPTOR ALPHA SUBUNIT PRECURSOR ;, mRNA sequence.
AA461265
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (bases 1 to 322)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          primer: -28ml3 rev2 ET from Amersham
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    quality sequence stop: 182.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                        and Eco RI sites of the modified pT7T3 vector. Librawent through one round of normalization, and was constructed by Bento Soares and M. Fatima Bonaldo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacía), digested with Not I and cloned into the Not I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /note="Vector: pT/T3D-Pac (Pharmacia) with a modified polylinker; Site_1: Not I; Site_2: Eco RI; 1st strand cDNA was prepared from mRNA obtained from pooled 8-9 week (total) fetus material with a Not I - oligo(dT) primer (5'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /clone_11b="Soares_total_fetus_Nb2HF8_9w"
/dev_stage="8-9 weeks"
/lab_host="DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /Organism-"Homo sapiens"
/db_xref-"GDB:6039951"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         clone="IMAGE:796105"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                 5.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Allen, M., Bowles, L., Dubuque, T., Geisel, G., Jost, S.,
                                                                                                                                                                                                                                                                                                                 0
                                                                                                                                                                                                                                                                                                         Score 227; DB 9; 1
Pred. No. 8.7e-97;
0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                               Length 322;
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JOURNAL
COMMENT
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AUTHORS
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ORGANISM
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DEFINITION
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VERSION
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Washington University School of Medicine
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The WashU-Merck EST
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J. Rifkin, L., Rohliing, T., Soares, M., Tan, F., Trevaskis, E., Waterston, R., Williamson, A., Wohldmann, P. and Wilson, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 447)
Hillier,L., Clark, N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Yz75e09.rl Soares_multiple_sclerosis_NbHMSP Homo sapiens cDNA clone IMAGE:288904 5' similar to SW:ITA5_HUMAN P08648 FIBRONECTIN RECEPTOR ALPHA SUBUNIT PRECURSOR ;, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Eukaryota; Metazoa;
Mammalia; Eutheria;
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Lished (1995
/lab_host-"DHIOB (ampicillin resistant)"
/note-"Vector: pT7T3D (Pharmacia) with a modified
/note-"Vector: pT7T3D (Pharmacia) with a modified
polylinker V_TYPE: phagemid; Site_1: Not I; Site_2: Eco
; lst strand cDNA was primed with a Not I - oligo(dT)
                                                                                                                          /tissue_type="multiple sclerosis lesions"
/dev_stage="Age 46"
                                                                                                                                                                  /clone_lib="Soares_multiple_sclerosis_2NbHMSP"
                                                                                                                                                                                           /db_xref-"taxon:9606"
/clone-"IMAGE:288904"
                                                                                                                                                                                                                                                                  ity sequence stop: 175.
Location/Qualifiers
                                                                                                                                                                                                                    /db_xref="GDB:3904744"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Kucaba,T., Le,M., Lennon,G., I
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Project
                                                                                                                                                                                                                                                                                                                                                                                                St. Louis, MO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Hawkins, M., Holman
                                                BEST AVAILABLE COP
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3025 ctatcactgtctcaagtcatcactaacaatgcaagctgcatagtgcagaacctgacctgac 3084 Local Similarity Conservative 5.7%; 99.6%; Score 220; DB 10; Pred. No. 1.8e-93; Mismatches Indels 0. Gaps

(Pharmacia). Library went through one round of normalization to a Cot = 5. Library constructed by Bento Soares and M.Fatima Bonaldo. RNA from 4 multiple scleros:

the Not I and Eco RI sites of a modified pT7T3 vector

adapters (Pharmacia),

lesions from one patient was kindly provided by Dr. Kevin G. Becker (NINDS/NIH). " 112 c 119 g 111 t 9 others

occccaggcccacctýtgcatccagaggagcttcaacacacacagactgaatgggagc 3144

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VERSION
KEYWORDS
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BE835624/c
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MEDLINE
                                                                                                                           Matches 167;
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                                              source
991 actattgccagtgatccagatgagcgattcttcttcaatgtcacagatgaggctgctctg 1050
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: asimpson@ludwig.org.br
This sequence was derived from the PAPESP/LICR Human Cancer Genome
Project. This entry can be seen in the following URL
(http://www.ludwig.org.br/scripts/gethtml2.pl?tl=&t2=RC6-FN0028-300
600-011-C09&t3=2000-06-30&t4-1)
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Ludwig Institute for Cancer Research
Rua Prof. Antonio Prudente 109, 4 and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Shotgun sequencing of the human transcriptome with ORF expressed
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Contact: Simpson A.J.G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Homo sapiens
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                                                                                                                                                                                                                            104
                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                         quality sequence start: 12 quality sequence stop: 378.
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                                                                                                                                                                                                            Research) profiles into the pUC 18 vector. Reverse transcription of tissue mRNA and CDNA amplification were performed under low stringency conditions.
                                                                                                                                                                                                                                                                                /note-"Organ: prostate_normal; Vector: puc18; Site_1: SmaI; Site_2: SmaI; A min1-library was made by cloning products derived from ORESTES PCR (U.S. Letters Patent application No. 196,716 - Ludwig Institute for Cancer
                                                                                                                                                                                                                                                                                                                                                                        /organism="Homo sapiens"
/db_xref="taxon:9606"
/clone_lib="FN0028"
                                                                                                                                                                                                                                                                                                                                                          dev_stage="Adult"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 to 378)
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                                                                                                                                     4.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                            on/Qualifiers
                                                                                                                         0
                                                                                                                                   Score 167; DB 10;
Pred. No. 3.5e-68;
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FN0028
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DRNA
                                                                                                                                                     Length 378;
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                                                                                                                  Gaps
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208

991 actattgccagtgatccagatgagcgattcttcttccatgtcacagatgaggctgctctg 1050

GTCCTTGGTCACTACCTCCGGCGGCAGCGAGATCCCAGCTCTTTCCTGAGAGAAATTAGA 149 gtccttggtcactacctccggcggcagcgagatcccagctctttcctgagagaaattaga 990

ACTATTGCCAGTGATCCAGATGAGCGATTCTTCTTCAATGTCACAGATGAGGCTGCTCTG

89

AVAILABLE

Query Match Matches

Local

Similarity

4.3%; 5 100.0%; Pr 100.0%; 0;

Score 167; Pred. No.

DB 10; 3.5e-68;

Length

Gaps

Mismatches

167;

Conservative

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BASE COUNT
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                                                                                                                                                                                                                                                                                                 source
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1051 actgacattgtggatgcactaggagatcggatttttggccttgaagg 1097
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  138 ACTATTGCCAGTGATCCAGATGAGCGATTCTTCTTCAATGTCACAGATGAGGCTGCTCTG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            78
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                                                                                                                                                                                                                                                                                                                                                                         This sequence was derived from the PAPESP Project. This entry can be seen in the fo (http://www.ludwig.org.br/scripts/gethtml 600-011-C088t3=2000-06-30&t4=1) Seq primer: puc 18 forward
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 (bases 1 to 388)
Dias Neto,E., Garcia Correa,R., Verjovski-Almeida,S., Briones,M.R.,
Nagai,M.A., da Silva,W. Jr., Zago,M.A., Bordin,S., Costa,P.P.,
Goldman,G.H., Carvalho,A.F., Matsukuma,A., Baia,G.S., Simpson,D.H.,
Brunstein,A., deoliveira,P.S., Bucher,P., Jongened,C.V., O'Hare
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Shotgun sequencing of the human transcriptome with ORF expressed
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Laboratory of Cancer Genetics
Ludwig Institute for Cancer Research
Rua Prof. Antonio Prüdente 109, 4 andar,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Simpson A.J.G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       sequence tags
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: asimpson@ludwig.org.br
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Fax: +55-11-2707001
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EST.
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RC6-FN0028-300600-011-C08 FN0028
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                           105
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/dev_stage="Adult"
//dev_stage="Adult"
/note="Organ: prostate_normal; Vector: puc18; Site_1: SmaI
/note="Organ: prostate_normal; Vector: puc18; Site_1: SmaI
/note="Organ: prostate_normal; Vector: puc18; Site_1: SmaI
/note="Organ: prostate_normal; Vector was made by cloning
products derived.from ORESTES PCR (U.S. Letters Patent
application No. 196,716 - Ludwig Institute for Cancer
Research) profiles into the pUC 18 vector. Reverse
transcription of tissue mRNA and cDNA amplification were
performed under low stringency conditions."
                                                                                                                                                                                                                       /organism="Homo sapiens"
/db_xref="taxon:9606"
/clone_lib="FN0028"
                                                                                                                                                                                                                                                                                                                  Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eutheria; Primates; Catarrhini; Hominidae; Homo.
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